



031604

16367 U.S. PTO

John K. Kim  
973-848-5366  
Fax 973-297-3764  
jkim@mccarter.com

March 16, 2004

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

McCarter & English, LLP  
Four Gateway Center  
100 Mulberry Street  
P.O. Box 652  
Newark, NJ 07101-0652  
973.622.4444  
fax 973.624.7070  
www.mccarter.com

22859 U.S. PTO  
10/801495



031604



ATTORNEYS AT LAW

**Customer No.: 27614**

Attorney Docket No.: 93184/2  
Inventor(s): KENNETH ABEND  
CHRISTOPHER X. MILLER  
Assignee: VUESONIX SENSORS, INC.  
Title: INCREASED SENSITIVITY FOR 4-D ULTRASOUND  
IMAGING AND FOR 4-D DOPPLER ULTRASOUND  
IMAGING  
Express Mail Label No.: EV 419468564 US

Sir:

Enclosed herewith please find the following documents in the above-identified application for Letters Patent of the United States:

1 Pages of Abstract  
11 Pages of Specification  
28 Number of Claims  
3 Sheets of Drawings  
1 Return-addressed Postcard  
0 Assignment for Recording (Stapled to Form PTO-1595)  
1 Declaration and Power of Attorney (unexecuted)  
1 Express Mail Certification (Stapled to this Letter)  
  
X Applicant claims small entity status under 37 CFR 1.27.

Basic Fee \$ 385.00

## Additional Fees:

Total number of claims (including multiple dependent claims) 28  
Total number of claims in excess of 20, times \$9.00 \$ 72.00  
Number of independent claims 8  
Number of independent claims minus 3, times \$43.00 \$ 215.00  
Fee for multiple dependent claims (\$145.00) \$ 0.00

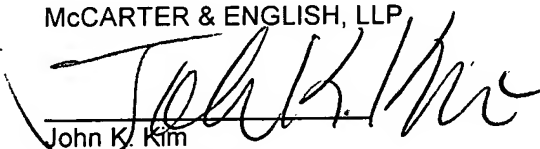
**TOTAL FILING FEES: \$ 672.00**

Priority date of March 17, 2003 for United States Provisional Application Serial No. 60/455,431 is claimed under 35 U.S.C. §119 (e).

Please note that this application is being filed without an applicant's executed Declaration and filing fees. Pursuant to 37 C.F.R. 1.53(b) and (f), the United States Patent and Trademark Office is respectfully requested to accept this application and accord a serial number and filing date as of the date that this application is deposited with the U.S. Postal Service for Express Mail. Further, it is respectfully requested that the NOTICE OF MISSING PARTS-FILING DATE GRANTED pursuant to 37 C.F.R. 1.53(f) be sent to the undersigned attorney.

Respectfully submitted,

McCarter &amp; English, LLP

  
John K. Kim  
Reg. No. 26,996

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
KENNETH ABEND, ET AL.

Serial No.: TO BE ASSIGNED

Filed: FILED HEREWITH

For: INCREASED SENSITIVITY FOR 4-D  
ULTRASOUND IMAGING AND FOR 4-D DOPPLER  
ULTRASOUND IMAGING

X

**Mail Stop Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Sir:

"Express Mail" Mailing Label Number: EV 419468564 US

Date of Deposit: March 16, 2004

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Judith M. Traina